





2008 APP 796

30
ISO14001

6
APP

2008

2008 / 8 COD

PEFC-CoC

APP

APP 2,450 2008
5

2009 APP

APP

01
03
04
06
07

APP
2008 APP

09
10
12

APP

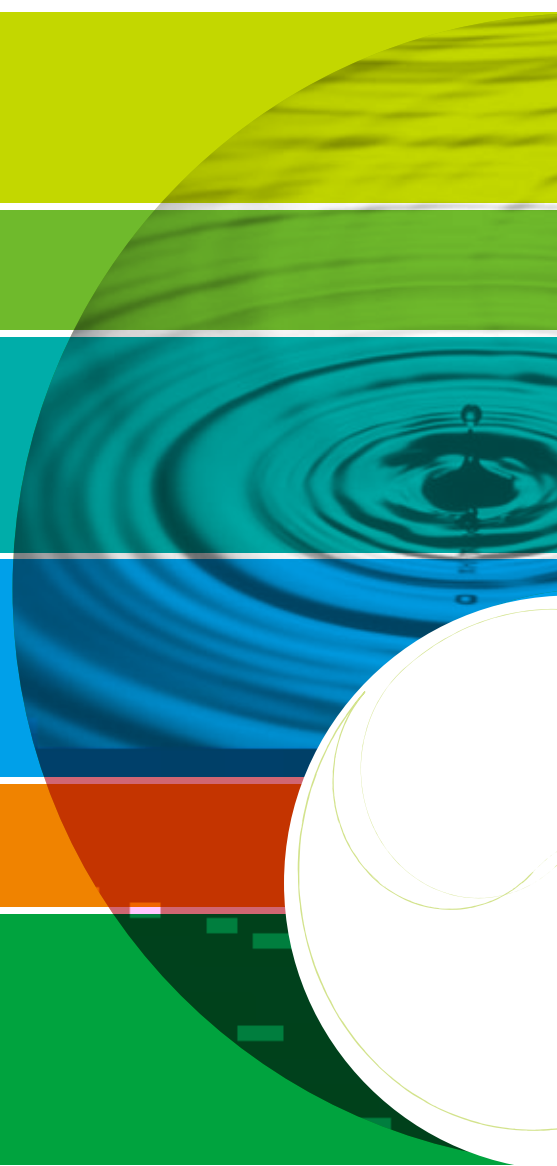
13
14
15
16
17
18

APP

21
22
23
24
25
27

33
34
35

48
49
50
52
54
55



APP
270.47

270.47

14.04

APP 2008

14.04

20,827

APP
2008

20,827

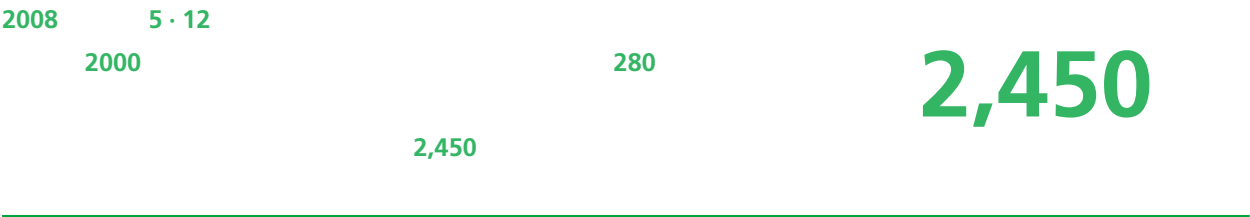
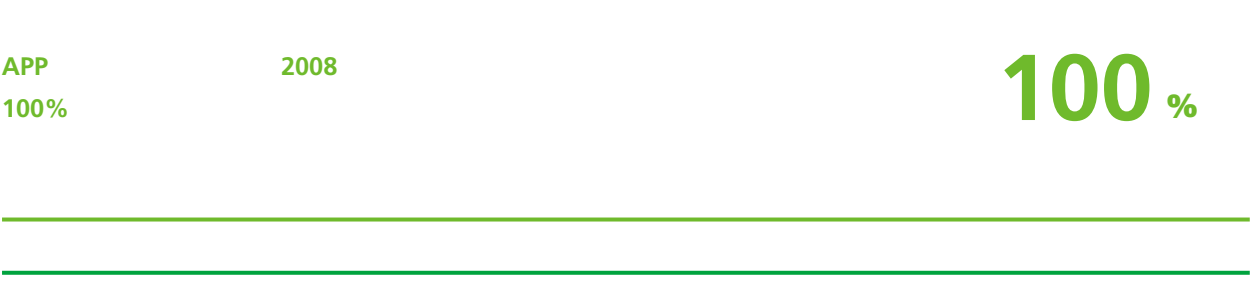
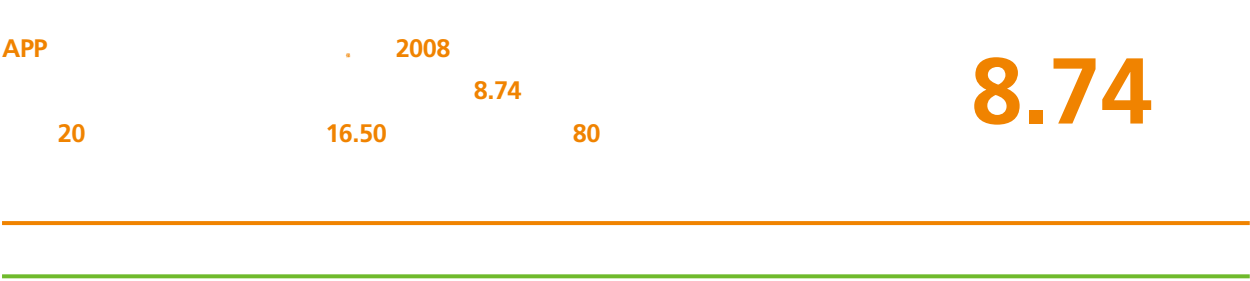
2008

APP

796

30

796

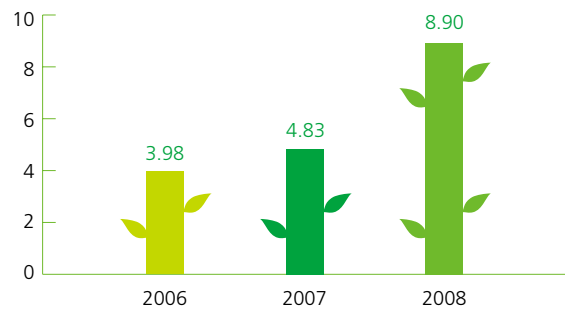
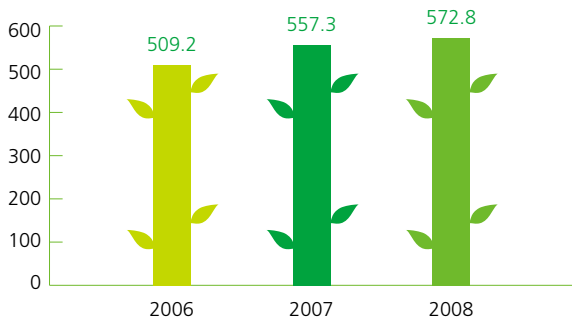
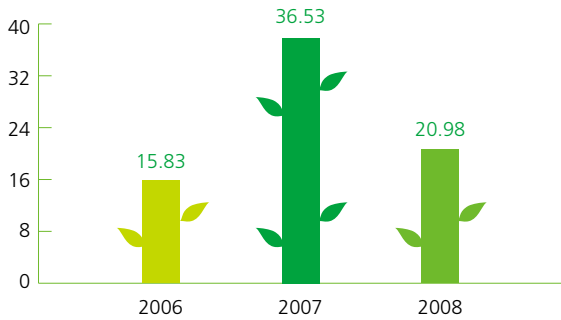


APP 3.2 30 770 86 APP 20 700 2008 20 358

APP

APP International Standard Organization Programme for the Endorsement of Forest Certification Schemes Chain-of-Custody PEFC CoC APP 2008 8 ISO14001

APP 2007 2008 " APP 50 " 2008 APP 5 " APP RISI Resource Information System Inc. " 2008 "



APP

2008 APP

APP

APP

2008

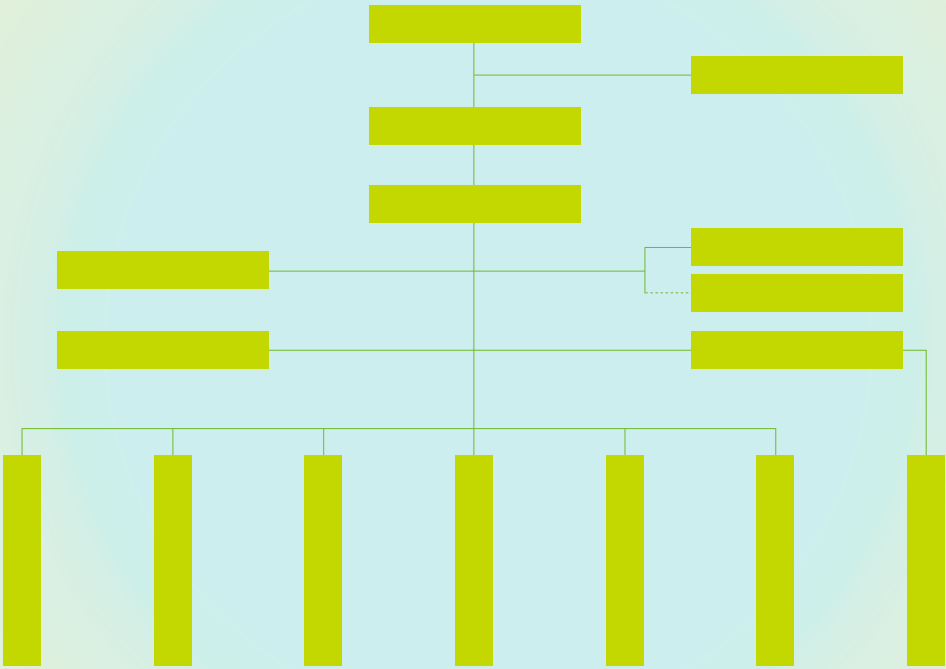
13

Management by Olympic System, MBOS

Enterprise Resource

Planning, ERP

APP



APP

APP

APP

APP

APP

APP

APP

2008

24

APP

MBOS

MBOS(Management by Olympic System)

APP" " "



APP

	"	APP	APP	"
2008	APP	"	"	
2009	APP			

APP

APP

	APP

2008 6 27 APP

"

"

APP

APP

APP

APP

high conservation value forest, HCVF

“ ”

“ ”

APP

"	"	2008	APP	30		
APP						
"	"		APP			
APP	105		27		2005	100
		3				
"	"		APP		"	"
"	APP					



2008 APP

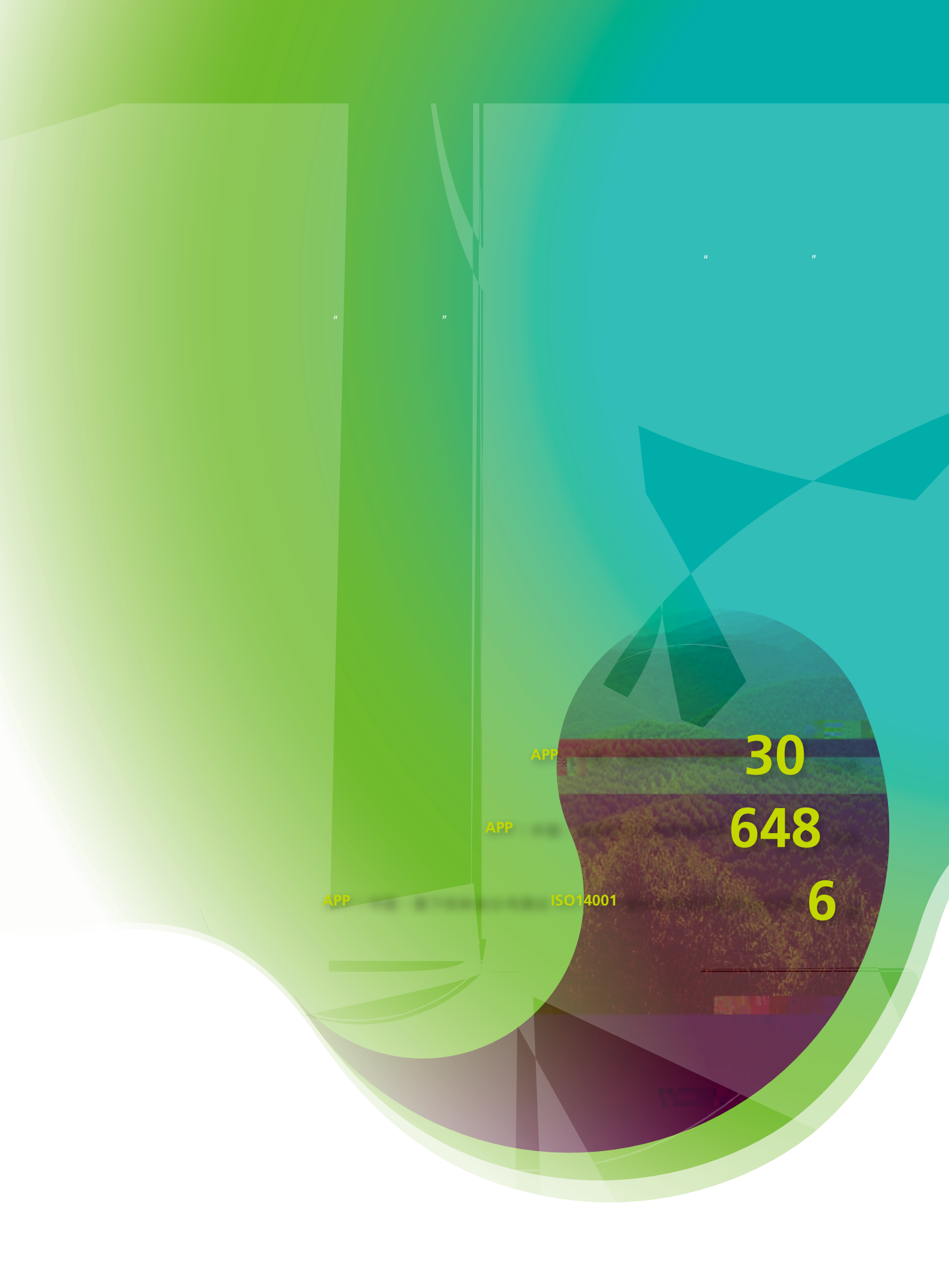
2008 APP " " APP

APP / / / COD APP

PEFC CoC

PEFC CoC 2008 APP 2008 2009 APP PEFC-CoC

2008 7 8 APP



“

”

“

”

APP

30

APP

648

APP

ISO 14001

6

APP

APP

APP



APP

5/6

1/6

APP
Agenda 21
Desertification

ISO14001
Convention on Biological Diversity

21
Convention to Combat

APP

APP

APP

APP

APP

APP

APP

"

"

APP

Procedure

SOP Standard Operating
SOP

APP

2008 APP

APP

1a 1b



a.

b.øøa.

APP

APP

SOP

APP

APP

2008

APP
66

24

APP

Global Positioning System, GPS

"

"

APP

20

90



APP
APP

APP

ISO14001
ISO14001

APP

10



APP

APP

APP

APP

APP

2008

20cm

APP

skill development

activity, SDA

2008
378.30 /

6,533

APP

2008 3



*			
2006	4,491	1,804	5,387
2007	4,908	1,521	5,823
2008	3,664	348	8,380

1 = 10

2008	238,435	247,013	3,218	5,360	8,578
------	---------	---------	-------	-------	-------

APP

APP

PEFC

APP

APP

2001 10 12 APP

2007 1 16

Det

Norske Veritas DNV ISO14001

2007 10

2008 4 5 2008 8

APP

ISO14001

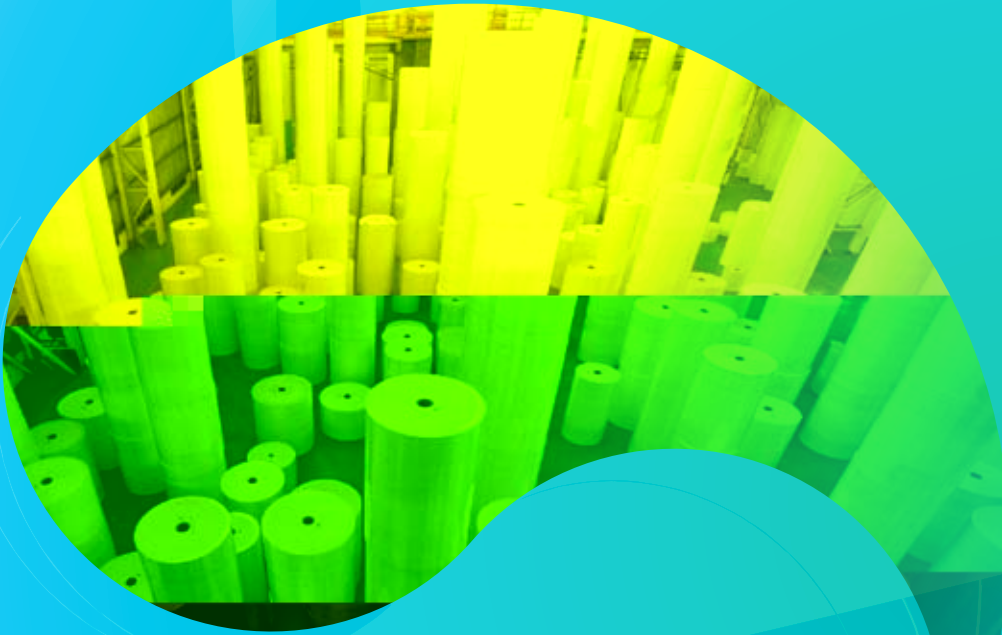
2008 9

APP ISO14001

	2001.10	DNV
	2001.10	DNV
	2001.10	DNV
	2001.10	DNV
	2001.10	DNV
	2005.10	DNV

APP

APP



APP

2008 APP

2009 APP

2008 APP 6

APP 2008

APP 2008

PEFC-CoC

0

100%

6

APP

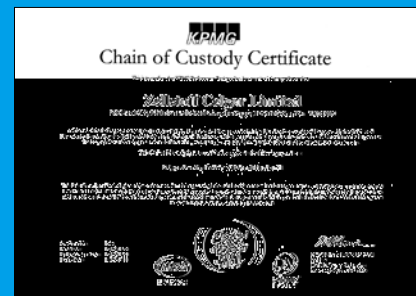
APP



APP

2004 APP

/



PEFC

2008

		1,149,449	342,749	130,380	304,722	366,690	0
		1,015,759	31,184	0	148,052	174,076	0
		133,690	311,564	130,380	156,670	192,614	0
		135,676	11,379	25,900	4,211	3,148	0
		171,952	77,103	24,600	34,960	39,990	0
		977,497	265,646	105,780	269,762	326,700	0
		0	0	0	0	0	3,110,755
		0	0	0	0	0	1,282,504
		0	0	0	0	0	4,393,259



" " APP

METSO VOITH 2005
1800

4 5

ABB TCS QCS

— Crescentformer Tissue Machine
2000 /

2008 APP

24

2008

129

APP

2



2008

	5,384	1	13
	2,984	0	12
	4,486	0	14
	1,595	0	4
	1,570	0	4
	2,615	0	12



1 1

2008 10 23

SOP

2

a.

b.

APP

2008 APP

APP

T

3400

APP

4000

2008

2005

2.91

6.08

163

2008

281

95%

2008

1#

T 340-2007

COD

HJ/

160

250

2008

	27,195,055	10,509,731	0*	7,431,364	12,812,016	7,678,897
	6,476	487	2,808	272	2,313	7,258
	178,309	71,677	1,202	3,474	30,424	18,448
	0	0	0	0	32,965	516,740
/	0	0	0	0	0	25,406,489
	1,894,803	295,414	405,379	0	0	1,848,122
	372,920	16,042	10,571	0	0	0
	5,288,945	10,509,731	626,796	1,630,231	2,722,914	4,343,966

*

2008

	20,031,948	9,719,277	1,849,798	9,996,254	13,209,000	35,206,811
	15,098,885	6,152,249	1,364,777	12,314,339	12,798,168	19,261,000
	8,459,426	6,152,249	1,364,777	7,722,682	10,624,214	19,261,000
	7.19	10.62	12.61	12.57	11.5	28.56

APP

2008

2008 11

1/3

7800

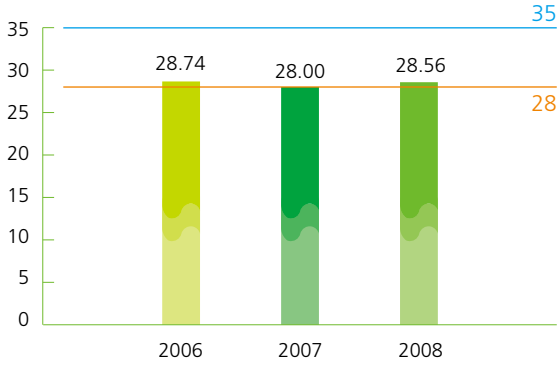
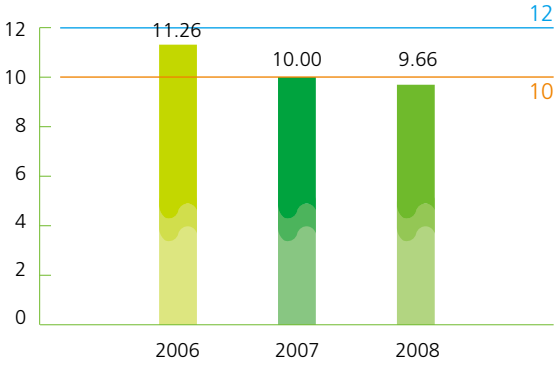
2008 1 10

9%

"

"

			()
			64,307
			40,536
			1,168,590
			57,214
			804,305
	/	/	676,065
	/		
			802,014
		/	833,423



APP

2008 8 APP A 10 APP 2009 3 2 11 APP 2009 6

APP

" "

" "

" "

APP

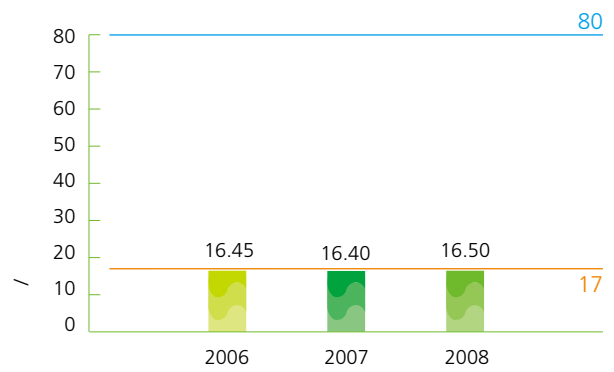
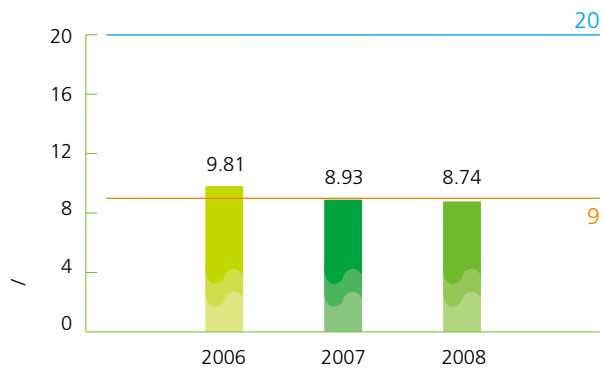
2008

%						
	85%	97%	97%	85%	89%	95%



APP

mg/m ³									
Biochemical Oxygen Demand, BOD	2006	7.3	12.7	5.0	9.9	10.0	60	4.0	70
	2007	6.7	10.0	5.0	23.3	10.0	60	4.0	70
	2008	5.9	5.8	5.0	13.5	10.0	30	5.0	50
Chemical Oxygen Demand, COD	2006	55	62	62	96	94	100	156	350
	2007	56	55	55	94	84	100	131	350
	2008	54	49	49	95	71	100	117	200
Suspend Solids, SS	2006	51	26	26	34	13	100	8	100
	2007	48	23	23	37	15	100	14	100
	2008	25	19	19	42	11	50	28	70



— APP —

APP

3.6	2#	1200	2008	5	2008	2008
10						

mg/m ³)NO	
SO ₂	2006	725	350	90	
	2007	894	300		QPtPtSAPtPtSELIQIDPtLI3PtPt9ib0p2006
	2008	894	230		
NO _x)	2006		170		
	2007	355	170		
	2008	363	160		
PM	2006	88	100		
	2007	101	100		
	2008	109	90		

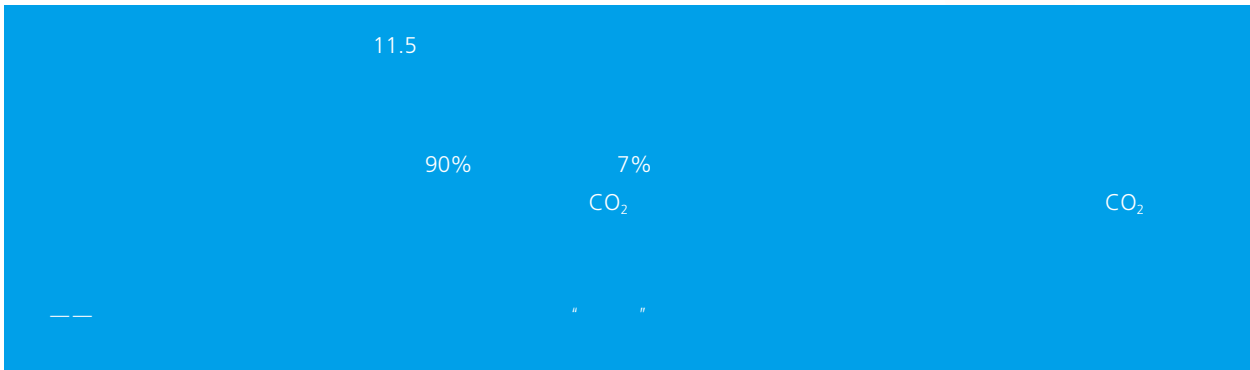
1
2

APP

2008

()	82,327	23,787	104,215	233,962	250,322
()	234,200	103,946	116,195	196,449	51,496
()	82,762	55,971	18,597	48,577	56,595
	100%	100%	100%	100%	100%

20 30 40 100
0.8 17 3
1700
APP



APP

1998 7

ISO14001
APP

1999 3
ISO14001

APP
Generale de Surveillance S.A.

PEFC-CoC

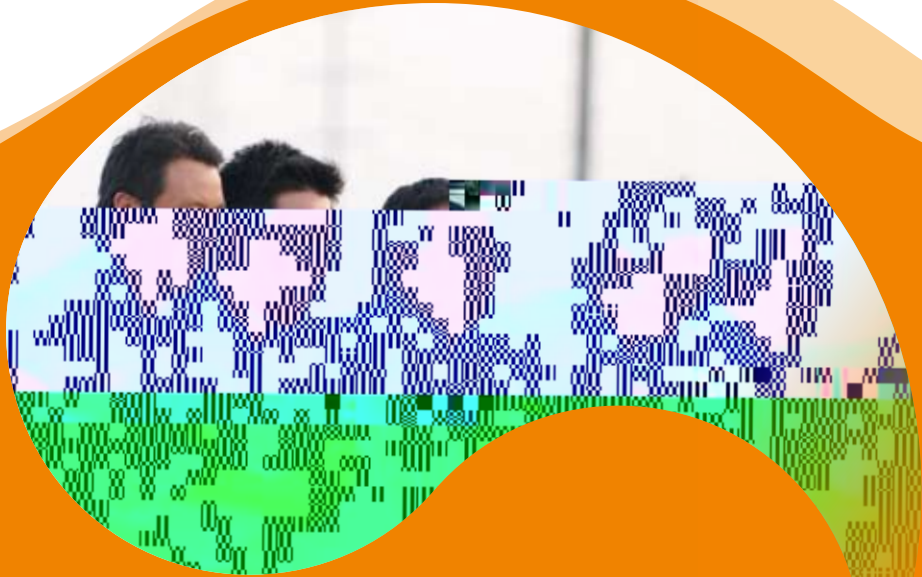
2008

SGS Societe

APP

APP

APP



APP

2008 APP

" "

APP

"

"

2009 APP

"

"

2008 APP 6

14.04

5.12 APP

2,450

APP 6

44

APP

APP



APP

100%

elemental chlorine free, ECF
chlorine free, TCF

totally

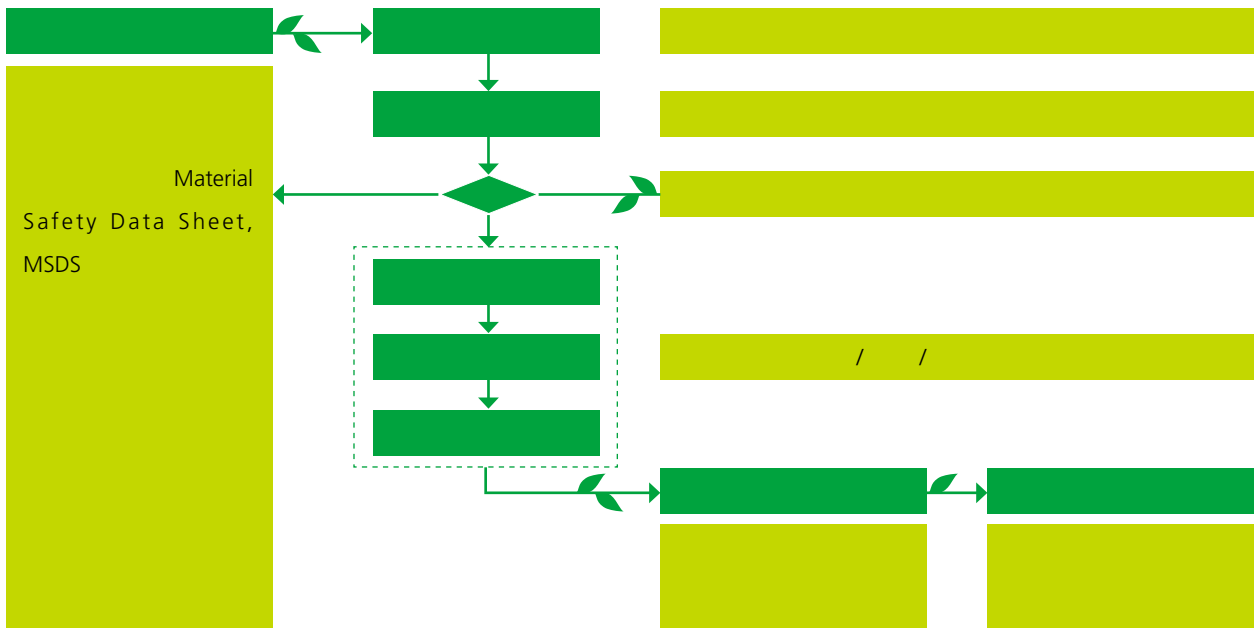
3C

(China Compulsory Certification,
3C

APP

SGS

100



2008 APP MBOS

APP

2007

2009

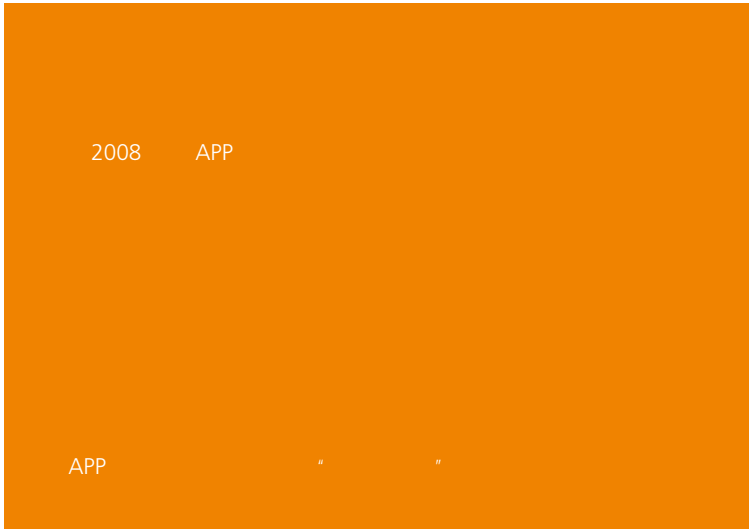
APP

2008 APP
97.68%

APP



MBOS



2008 APP

APP " "



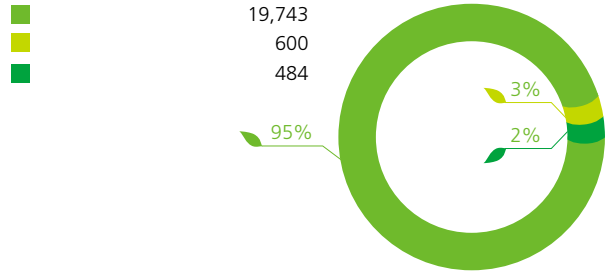
2008 1 1

APP

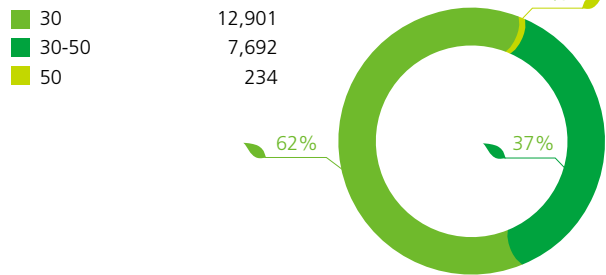
1994
2008

APP

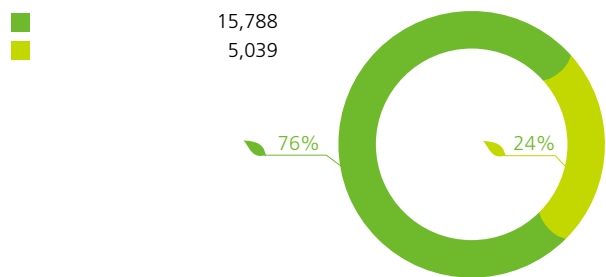
2008 APP



2008 APP



2008 APP



2008

APP

2008

856

17 531 15
240 20
520

2008

100
86

	218,800	487	5	16.13
	5,800,000	1,088	132	31.32
	325,261	109	61	17.53
	596,505	276	0	76.33
	460,000	287	143	40.70
	306,375	191	75	32.80
	522,464	200	13	71.68
	330,267	189	16	18.57

APP

2008

2008

10

2008



APP

APP

				"
				"
2008	3		17.5	3.12
2008	8			
2008	10			
2008	10			"
2008				"
2008				12



2007

2008

45%
18

2009

2010

5

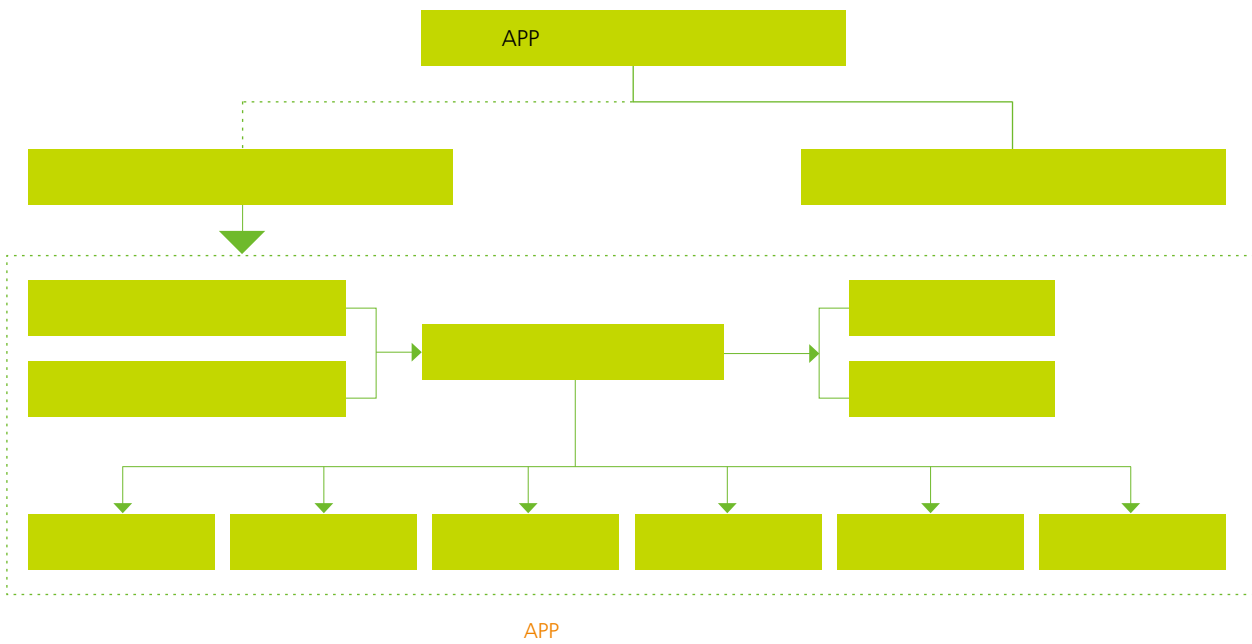
6

115

48

2008	6			APP
2008	7			APP

" " APP 2008 APP APP
5 2008 2008 APP 5,500
APP
■
■



2008

2008

144

2.

APP

2008 5 11 APP 30

1.

1311

80%

2008

APP

2,000

"

2008 4

7

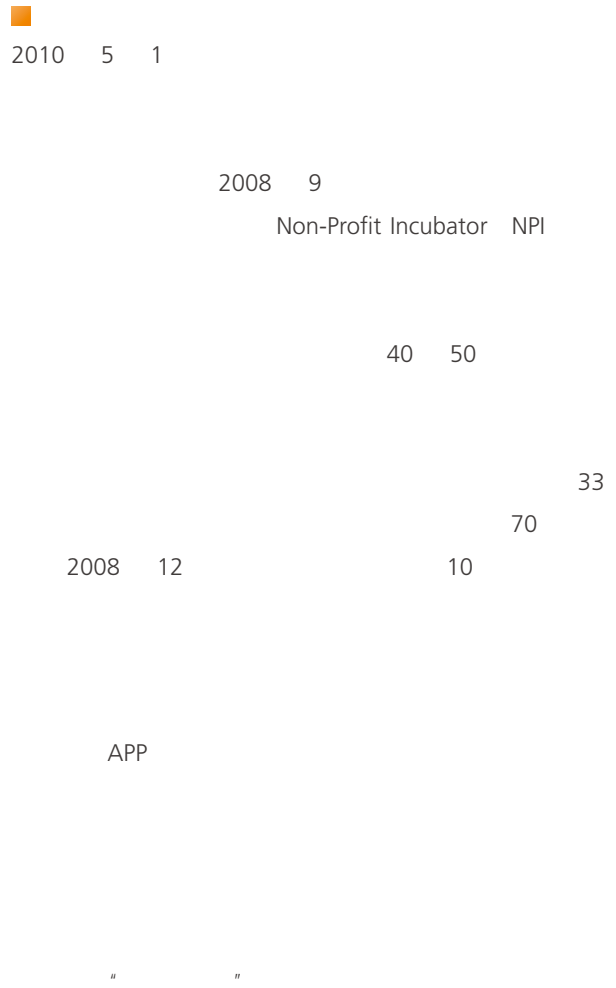
100

2005 2006

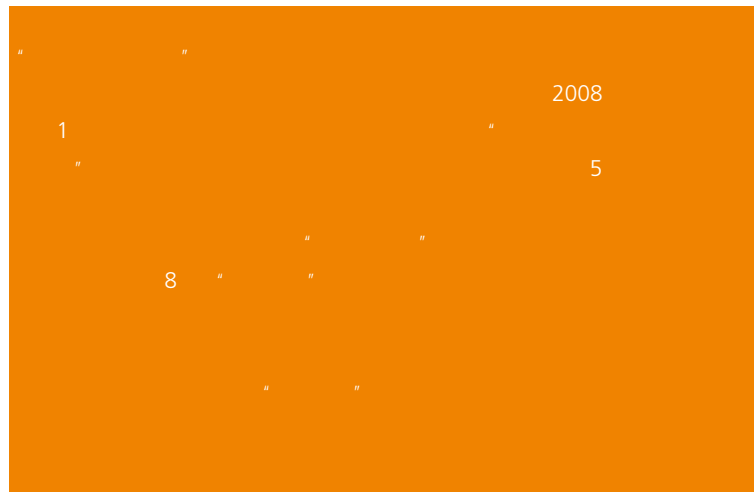
2008 9 2011 9

3600 APP





500
60
1,500 2,000
2008 5 12 14 28
8.0
24 2,000
2008 6 280
10 29 APP 2008
NGOs 2009
2008 11 APP
APP 125
2008 APP



APP

2008 3

"

" 2008 5

5

2008 9

2009

48



2008 APP

5	2,000			
5	100	*		
5 - 6	280			
6	2.6		"	— 2008
9	62		"	"

* APP AFP Asia Food & Properties Co. Ltd.

AFP AFP

APP

2,078

15,671

2002 5

"

"

2008

"

"

2006

2007

2008

8

2008

"

"

2008 1,600 20

2008 " " 80

0

APP

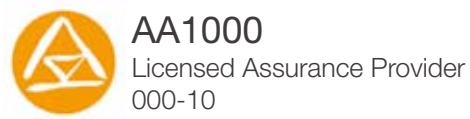
		2006	2007	2008
		3.98	4.83	8.90
		1,462,431	1,585,284	1,659,401
		100%	100%	100%
		27.81	29.38	28.82
		10.83	9.96	9.79
		28.74	28.00	28.56
		11.26	10.00	9.66
		16.45	16.40	16.50
		9.81	8.93	8.74
COD	/	2.56	2.16	1.93
COD	/	0.70	0.61	0.59
*		457	4,112	5,558
*		19,841	22,197	20,827
*		19,072	21,671	20,343
*		23.56	21.57	24.19
*		3.58	3.87	2.95
%		14.92	16.32	14.53
		33.12	42.65	46.54
		463.48	470.96	429.86
		15.83	36.53	20.98
		13.86	19.05	14.04
		509	557	573
		215.58	269.59	270.48
		574.75	631.06	700.86

DNV



	DNV	()	■	AA1000AS2008	
	" APP	"			
	2008APP()				
)	AA1000	■	DNV	
2008(" AA1000AS2008")				
APP					DNV
	APP				
		APP	■	APP	DNV
			■		6
APP					
■		APP			
	2008	1 12			5
■		APP			
	6	5	■	150 APP	
■					
■	AA1000AS2008		■		
	(2)				
■	DNV	2009 9 11	■		
■	DNV				
DNV				" " " " "	
100					
	DNV			AA1000AS2008	
					APP

APP	2008		■	GRI G3
			■	
APP	APP		■	NGOs
APP			■	
2008	APP		■	DNV
				DNV
				DNV
APP				DNV
				(DNV)
				GRI G3
				<i>Curk U</i>
				:
				<i>王为松</i>
				:
2				DNV
				DNV
DNV				2009 11
				DNV APP
				APP



GRI

1.1	P1
1.2	P1 P4-P5
2.1	P3,P6
2.2	P6
2.3	P7
2.4	P54
2.5	P3
2.6	P6
2.7	P6
2.8	P6
2.9	P6
2.10	P6, P12
3.1	P3
3.2	P3
3.3	P3
3.4	P55
3.5	P3
3.6	P3
3.7	P3
3.8	P3
3.9	P3
3.10	-
3.11	-
3.12	P52-P53
3.13	P50-P51
4.1	P7 -P8
4.2	P7
4.3	-
4.4	P8 P37
4.5	-
4.6	P7-P8
4.7	-
4.8	P10-P11

4.9	P7-P8
4.10	-
4.11	P7 -P8
4.12	P6 P12 P15 P20 P32
4.13	-
4.14	P34
4.15	P34
4.16	P34
4.17	P34
EC1	P4- P6 P35
EC2	P1 P4-P5
EC3	P37- P39
EC4	-
EC5	-
EC6	P40- P41
EC7	P38
EC8	P42- P47
EC9	P35
LA1	P38
LA2	P38
LA3	P37- P39
LA4	P38
LA5	-
LA6	P16 P25-P27
LA7	P16 P27
LA8	P16 P25- P27 P37- P39
LA9	P16 P25- P27 P37- P39
LA10	P39
LA11	P38-P39
LA12	P38-P39
LA13	P38
LA14	P37-P38
HR1	-

HR2	-	EN9	-
HR3	-	EN10	P19 P29
HR4	-	EN11	P15, P18
HR5	-	EN12	P15, P18
HR6	-	EN13	-
HR7	-	EN14	P14,P18
HR8	P16,P25-P26	EN15	-
HR9	P38	EN16	P30
SO1	P42 -P47	EN17	P30
SO2	P8	EN18	P12,P31
SO3	P8	EN19	P30
SO4	P8	EN20	P30
SO5	P15,P23,P34-P35	EN21	P28
SO6	-	EN22	P31
SO7	-	EN23	P29- P31
SO8	P31	EN24	-
PR1	P36	EN25	-
PR2	-	EN26	P17- P20, P26- P32
PR3	-	EN27	P32
PR4	P36	EN28	P31
PR5	P36	EN29	P15
PR6	P35	EN30	P5-P6
PR7	-		
PR8	-		
PR9	-		
EN1	P23		
EN2	P23 P29 P31		
EN3	P19 P28		
EN4	P19 P28		
EN5	P19 P26 P28		
EN6	P19 P26 P28-P32		
EN7	P19 P26 P28-P32		
EN8	P19 P28		

Chain of Custody, CoC

ISO 14001

ISO14001

ISO14001

SDA -
activities

skill development

T

APP 2008

csr@app.com.cn

APP 2008

2009 11

*		

* 5 1 5



